



## State of North Carolina Office of Information Technology Services

Pat McCrory  
Governor

Chris Estes  
State Chief Information Officer

March 23, 2015

Richard Taylor  
Executive Director  
North Carolina 911 Board

This report summarizes project status for the Northern Piedmont and Mountains Orthoimagery 2014 Project funded by the NC 911 Board. The reporting period is February 1- February 28, 2015.

### **Accomplishments**

The accomplishments by the project team during the period include the following items organized by team member:

#### CGIA

- CGIA continued project management activities with weekly team meetings.
- Continued to perform project management activities
- Followed up to special exception requests for and/or by Primary PSAP contacts as follows:
  - Beech Mountain: to obtain additional coverage or update to Watauga data to include Banner Elk
  - Randolph: to update an error realized at time of delivery
  - Alamance: to obtain data from Phase 2 (2013 Eastern Piedmont)
- Developed a project survey and solicited input from all attendees and contacts from the project.
- Updated web mapping content on the project website to reflect status and schedule
- Completed horizontal QC analyses by NGS. All review passed specifications
- Continued ITS hosting processing and storage to facilitate imagery release in early February
- Initiated development of data to support product review by USGS of the NGA Greensboro urban boundary
- Received final project reports and lessons learned reports
- Implemented data loading of all 26 counties to NC OneMap for public access on February 1
- DCR secured hardware investment to perform digital preservation tasks of superseded 2010 product
- Outreach activities included the following:
  - February 11: Updated project status at the quarterly meeting of the NC Geographic Information Coordinating Council
  - February 26-27: Presented on the project at the NC GIS Conference

#### NC Department of Transportation (NCDOT)

- Technical and Advisory Services
  - Initiated Orthoimagery Summary Evaluation Report by County
  - Attended team status meetings

## NC Department of Public Safety: NC Geodetic Survey (NCGS)

- Attended team status meetings
- Completed the horizontal QC phase

### Acquisition Vendors

This section summarizes the accomplishments of the five prime acquisition vendors selected through the Qualifications Based Selection (QBS) process. The selected vendors are Sanborn Map Company, Atlas Geographic Data, Surdex Corporation, Photo Science, and Spatial Data Consultants. The fully executed contracts were awarded on December 18, 2013. Each of the contracts consists of seven primary tasks as follows:

- Task 1 – Flight Planning
- Task 2 – Imagery Acquisition
- Task 3 - Aerotriangulation and Ortho Generation
- Task 4 - Product Delivery and Data Acceptance
- Task 5 – Quality Review and Resolutions Reporting
- Task 6 – Image Service Hosting (VOICE Application QC Interface)
- Task 7 – Closeout

### Sanborn Map Company

- Did not invoice

### Atlas Geographic Data

- Task 7 – Closeout
  - Initiated development of Project report and Lessons Learned report
  - Initiated close out of sub-contractor 2014 agreements pending 60-Day on-call

### Surdex Corporation

- Did not invoice

### Spatial Data Consultants Science

- Task 5 – Quality Review and Resolutions Reporting
  - Completed final quality review submittals
  - Reviewed NCNGS final report
  - Closed out task per recovery approval

### Photo Science

- Task 5 – Quality Review and Resolutions Reporting
  - Closed out task per recovery approval

### VOICE Application Contractor:

This section summarizes the accomplishments of Photo Science, the sole-source contractor developing the VOICE QC Application. The fully executed contract was awarded on February 3, 2014. That agreement consists of seven primary tasks as follows:

- Task 1: Requirement Workshop
- Task 2: System Design Document
- Task 3: Development
- Task 4: Beta Release Testing
- Task 5: Production Release
- Task 6: Hosting and Project Close

- Task 6: Hosting and Project Close
  - Continued to support the interface for duration of the project

## Schedule

The following represents the project's core deliverables milestones for plan and actual status:

Task	Item	Planned Start	Planned Finish	Actual Finish/Percent Complete
<b>1</b>	<b>Project Initiation</b>	<b>8/1/2013</b>	<b>12/19/2013</b>	
	Issue RFQ for Orthoimagery QBS	9/5/2013	9/5/2013	9/5/2013
	Q&A Period Closes	9/11/2013	9/11/2013	9/5/2013
	Post Q&A	9/13/2013	9/13/2013	9/5/2013
	Closing date for RFQ responses	9/25/2013	9/25/2013	9/5/2013
	Contract NCGS	9/1/2013	9/1/2013	9/11/2013
	Contract NCDOT	9/1/2013	9/1/2013	9/11/2013
	Select pre-qualified applicants	10/18/2013	10/18/2013	10/18/2013
	Host workshop for selected applicants	11/5/2013	11/5/2013	11/5/2013
	Technical and cost proposals due	11/19/2013	11/19/2013	11/19/2013
	Negotiate with selected applicants	12/3/2013	12/3/2013	12/5/2013
	Approve and sign all contracts by state and selected applicants	12/18/2013	12/18/2013	12/18/2013
	Proposed Kickoff Meeting	12/19/2013	12/19/2013	12/19/2013
	Contract QC Service Provider	2/1/2013	2/1/2013	03/12/2014
<b>2</b>	<b>Planning and Design</b>	<b>10/1/2013</b>	<b>1/30/2014</b>	
	CORS Upgrades	10/15/2013	1/15/2014	1/15/2014
	Validation Range	10/15/2013	1/15/2014	12/17/2013
	RTN Maintenance	10/15/2013	1/15/2014	
	Flight planning and control surveys compliance documentation	12/19/2013	1/30/2014	5/30/2014
<b>3A</b>	<b>Acquisition</b>	<b>2/15/2014</b>	<b>4/30/2014</b>	
	Acquire 26 Counties	2/15/2014	4/30/2014	4/10/2014
<b>3B</b>	<b>Acquisition Post-Processing</b>	<b>2/15/2014</b>	<b>7/31/2014</b>	
	Specifications workshops, post processing, develop and approve compliance documentation	2/15/2014	7/31/2014	7/31/2014
<b>4</b>	<b>Quality Review Production and Product Delivery</b>	<b>7/15/2014</b>	<b>12/23/2014</b>	
	QC Production Cycle	8/1/2014	12/30/2014	12/18/2014
	Product Delivery	1/15/2015	1/31/2015	1/28/2015
<b>5</b>	<b>Implementation</b>	<b>1/16/2015</b>	<b>3/30/2015</b>	
	Implement the NC OneMap Geospatial Portal solution	2/1/2015	Ongoing	
	60 day End-User Evaluation	1/16/2015	3/30/2015	
<b>6</b>	<b>Project Closeout</b>	<b>4/1/2015</b>	<b>6/30/2015</b>	
	Final Data Packaging and Final Reports	4/1/2015	5/31/2015	
	Project Closeout	6/1/2015	6/30/2015	

## Budget

The expenditures for the project are summarized below. Note the current reporting period represents February 1 – February 28, 2015. The total budget for the project is \$3,987,667.

Item	This Reporting Period	Cumulative to Date	Percent Expended to Date
CGIA			
CGIA Labor	\$9,880.00	\$312,700.00	
ITS Hosting and Information Technology	\$1,969.98	\$8,719.53	
CGIA Travel	\$0.00	\$4,381.28	
CGIA Reimbursable Expenses	\$0.00	\$4,972.00	
<b>CGIA Total</b>	<b>\$11,849.98</b>	<b>\$330,772.81</b>	<b>56.2%</b>
<b>Subcontractors</b>			
NCDPS-NCGS	\$2,736.05	\$180,889.56	90.1%
NC DOT	\$4,191.02	\$142,692.94	83.4%
Sanborn Map Company	\$0.00	\$336,373.71	98.1%
Atlas Geographic Data	\$11,239.83	\$637,326.93	99.0%
Surdex Corporation	\$0.00	\$502,699.25	99.0%
Spatial Data Consultants	\$6,685.20	\$588,711.20	95.6%
Photo Science	\$336.85	\$551,350.70	99.5%
NCDCR State Archives	\$0.00	\$0.00	0.0%
ESRI	\$0.00	\$0.00	0.0%
QC Application Sub-Contractor	\$1,843.20	\$65,403.00	93.4%
<b>Subcontractor Total</b>	<b>\$27,032.15</b>	<b>\$3,005,447.29</b>	<b>95.52%</b>
<b>Total (for Project)</b>	<b>\$38,882.13</b>	<b>\$3,336,220.10</b>	<b>83.9%</b>

## Major Tasks Identified for March 2015

The emphasis of the project in March will be focused on the following major tasks:

### CGIA

- Continue to support Primary PSAPs during 60 Day period
- Update status on project website
- Implement requirements for DCR to perform preservation of the statewide 2010 project
- Continue ITS hosting processing and storage
- Begin development of contractor performance evaluations
- Begin to compile and inventory the MRSID products for ongoing storage
- Other tasks include regular team meetings and ongoing outreach to federal, state and local partners

### NCGS

- Did not invoice

### NCDOT

- Develop final product evaluation reports

Private Subcontractors (Sanborn Map Company, Atlas Geographic Data, Surdex Corporation, Spatial Data Consultants, Photo Science)

Task 5 – Quality Review and Resolutions Reporting

- Closeout all tasks

Task 7 – Closeout

- Deliver lessons learned reports

VOICE Application Contractor

Task 6: Hosting and Project Close

- Continue project hosting

**Project Issues**

There are no financial or technical issues to prevent the team from completing the project on time and within budget.

Please contact me by phone at (919) 754-6588 or email at [tim.johnson@nc.gov](mailto:tim.johnson@nc.gov) if you have questions about this report or about contractual or administrative aspects of the project. Contact Darrin Smith of CGIA at (919) 754-6589 or email at [darrin.smith@nc.gov](mailto:darrin.smith@nc.gov) regarding technical matters related to the project.

Sincerely,

A handwritten signature in black ink that reads "Tim Johnson". The signature is fluid and cursive, with the first name "Tim" and last name "Johnson" clearly distinguishable.

Tim Johnson, GISP  
Director  
Center for Geographic Information and Analysis